1st and final Bill

Estimated cost : 4.90 Lakhs
Sch code : 015-15-000029

M. A. R. 57 (Rule 116)
Measurement Book

No. B 84789

Providing & Repairing wall at NH Service Road 25M retaining wall at near metro station in ward No. 15.

No. of work ..... From ..... To .....

Name of Contractor or nature of Agency Sreeramareddy

A.C.No: BCC/DB/AM/14/17-18 dt 1/06/2017

T.S.No: BCC/DB/TS/14/17-18 dt 12/6/17

Date of commencement of work .....

Full description, etc, of work	Number	Dimensions: Length	Dimensions: Breadth	Dimensions: Depth	Contents	Reference to last Measurement
2	3	4	5	6	7	8
(1) Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2m and an average lift upto 1.5m. Excavated nearby dressed, the dispersed earth, to be levelled and sides Breasting & clods. Complete as per specifications. — As per premeasurement 84997					116.37 cum @ Rate ₹ 185/cum = ₹ 21528.45	Surface levelled and sides nearby after By recorded in this MB at Pg. No vide item No. (1) i.e.
(2) Providing and laying in position P.C.C. (1:4:8) mix using Opc cement @ 180 kg, with 40mm and down size graded granite metal CA @ 0.85 cum & FA @ 0.57 cum, machine mixed, concrete laid in layers not exceeding 15cms. thick well compacted in foundation Complete as per specifications.						

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂ
ಶಾಂತಿನಗರ ಉಪ-ವಿಭಾಗ
ಬೆಂಗಳೂರು ಪಶ್ಚಿಮ, ಬಿಬಿಎಂಪಿ
ಬೆಂಗಳೂರು

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MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	
	As per premeasurement duly recorded in this MB at Pg No. 84 777/2 vide at. No. (2) i.e.					2.70 cum	
	@ Rate of ₹100/cum					= ₹137/-	
(3)	Providing and laying in position to required level or slope 100mm internal dia ball glazed stoneware pipes grade A and jointing with stiff mixture of CM in proportion 1:1 including cost of materials. complete as per specifications.						
	As per premeasurement duly recorded in this MB at Pg No. 84 777/2 vide at No (3) i.e.					70.00 rmts	
	@ Rate of 230/mts					= ₹16100/-	
(4)	Construction brick masonry circular type manhole 1.22m internal dia at bottom, 2.28m deep and 0.56m dia at top. with table moulded and non modular bricks of class designation 50 in CM 1:4, inside cement plaster 12mm thick with CM 1:3 finished with a floating coat of neat cement, foundation concrete M20 using 40mm and down size graded						

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ದಾಸರಹಳ್ಳಿ ಉಪ-ವಿಭಾಗ
ಬಾಗಲಗುಂಟೆ. ಬೆಂಗಳೂರು

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M. A. R. 57 (Rule 116)
Measurement Book

No. B 84793

al No. .....
ne of work ..... From ..... To .....
ne of Contractor of nature of Agency.....
e of commencement of work.....

ate	Full description, etc, of work	Number	Dimensions: Length	Dimensions: Breadth	Dimensions: Depth	Contents	Reference to last Measurement
	2	3	4	5	6	7	8
		1	@ Rate of 3230.00/No			1 No s = ₹ 3230.00	
(5)	providing and laying in position to required level & slope 230mm dia. Socket glazed Stoneware pipes grade A and jointing with stiff mixture of CM. in proportion of 1:1 testing of pipes, complete as per Specifications. As per Remeasurement Book recorded as this no at pg. no 84793					Hide at No. (5) & 40.00 mts @ Rate of 650/mt = ₹ 26000.00	
(6)	Refilling available earth around pipelines, cables in layers not exceeding 20cm in high depth, compacting each deposited layer by ramming after watering with load upto 50 m, and lift upto 1.5m, complete as per Specifications						

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ಕೆ.ಆರ್.ದಾಸರಹಳ್ಳಿ ಉಪ-ವಿಭಾಗ
ಬಾಗಲಗುಂಟೆ. ಬಿಜಿಎಂಪಿ
ಬೆಂಗಳೂರು

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Date	Full description, etc, of work	Dimensions				Contents	
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	
	Same as Qty vide Jt. No.		①			74.25 Cum	
			@ Rate of 80/Cum			= ₹5940/-	
⑦	100mm. S or P Trap	5				5 Nos	
			@ Rate of 65/No.			= ₹325/-	
⑧	Dismantling of existing Structures like culverts, bridges, retaining walls and other structures comprising of masonry or wood work, steel work including T&P and Scaffolding wherever necessary, sorting the dismantled material, disposal and unserviceable material and stacking the serviceable material with all lifts and lead of 1000 mtrs complete as per specifications.						
	As per Forest Measurements Qty recorded in this MB at Pg. No 84-798 vide Jt. No. ⑧ @ Rate of				250/Cum	79.38 Cum = ₹19845/-	

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M. A. R. 57 (Rule 116)
Measurement Book

No. B

84791

ial No. ..... From ..... To .....
me of work .....
me of Contractor of nature of Agency .....
e of commencement of work .....

te	Full description, etc, of work	Number	Dimensions: Length	Dimensions: Breadth	Dimensions: Depth	Contents	Reference to last Measurement
	2	3	4	5	6	7	8
9	Plain cement concrete M10 with crushed stone aggregate 40mm nominal size mechanically mixed placed in foundation and compacted by vibration including curing complete as per specifications. As per premeasurement at Pg. No. 84793/2					13.23 cum = ₹ 62181/-	Recorded in this MB vide st. No. (9) ie. @ Rate ₹ 4700/cum
6	Providing and constructing granite/Size stone masonry in foundation with CM 1:6, and hammered dressed to courses not less than 20cms high, bondstones at 2m apart in each course including cost of materials (Cloth available stone) 1st Step.	1 —	30.00 —	0.80 —	0.45 —	10.80 —	Skedaya
		1 —	20.00 —	0.80 —	0.45 —	7.20 —	ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತ
		1 —	30.00 —	0.80 —	0.45 —	10.80 —	ದಾಸರಹಳ್ಳಿ ಉಪ-ವಿಭಾಗ
		1 —	8.70 —	0.80 —	0.45 —	2.92 —	ಬಾಗಲಗುಂಟೆ, ಬೆಂಗಳೂರು
					Total Qty = 31.75 cum	= 85730.40	

@ Rate 2700/cum @ ₹

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	R Me
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	
(11)	Providing and constructing granite SSM in foundation with CM 1:6, and hammered dressed in courses not less than 20 cms high bond stones at 2m, complete as per Specn						
	1st Step	1	9.90	0.80	0.45	3.56	
	2nd Step	1	30.00	0.60	0.45	8.10	
		1	20.00	0.60	0.45	5.40	
		1	30.00	0.60	0.45	8.10	
		1	18.00	0.60	0.45	4.86	
		1x2	10.00	0.48	0.80	7.20	
				Total Qty	:	37.22 cum	
				Qty limited to	:	37.19 cum	
				@ rate of 4400/cum		=₹ 163623	
(12)	Providing raked pointing to course Stone masonry with Cement mortar 1:3 20mm deep after raking & joints 20mm nicely lining including cost of materials.	1	30.00		0.45	13.50	

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M. A. R. 57 (Rule 116)
Measurement Book

No. B

84732

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Number	Dimensions: Length	Dimensions: Breadth	Depth	Contents	Reference to last Measurement
	2	3	4	5	6	7	8
	culvert	1 —	20.00 —	0.45	0.45 —	9.00 —	
		1 —	30.00 —	"	0.45 —	13.50 —	
		1 —	18.00 —		0.45 —	8.10 —	
		by 2 —	10.00 —		0.80 —	16.00 —	
				Total Qty =		60.10 Sqm	
			@ Rate ₹ 100/ Sqm			= 6010/—	

(13) providing and laying in position P.C.C. 1:2:4 with cement 240 kgs with 20 mm and down size graded granite metal CD @ 0.69 cum and FD @ 0.459 cum machine mixed concrete laid in layers not exceeding 15 cms thick well compacted for coping, including cost of all materials, labour charges & machinery curing complete as per Specifications.

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ಜಾಲಹಳ್ಳಿ, ಬಿಬಿಎಂಪಿ
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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Remarks
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	
	Coping Retaining wall	1	30.00	0.60	0.08	1.35	
		1	20.00	0.60	0.08	0.90	
		1	30.00	0.60	0.08	1.35	
		1	18.00	0.60	0.08	0.81	
		462	10.00	0.45	0.10	0.90	
				Total Qty	=	5.31 Cum	
				@ Rate @ 5600/cum		= 29736/-	
				Total Bill Amount	=	₹ 1984093.-	

Skodayar

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ಬೆಂಗಳೂರು. ಪಶ್ಚಿಮ

certified

1. The work is done satisfactorily by contractor
2. The contractor has removed all debris from work spot
3. There is no departmental issues made by contractor

Skodayar

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
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